

BATCH

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/623,533

DATE: 11/27/2000  
 TIME: 13:49:37

Input Set : A:\Redc1511.app  
 Output Set: N:\CRF3\11272000\I623533.raw

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3 <110> APPLICANT: ConjuChem, Inc.
5 <120> TITLE OF INVENTION: LONG LASTING FUSION PEPTIDE INHIBITORS OF VIRAL
6   INFECTION
8 <130> FILE REFERENCE: REDC-1510
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/623,533
C--> 11 <141> CURRENT FILING DATE: 2000-09-05
13 <150> PRIOR APPLICATION NUMBER: US 60/134,406
14 <151> PRIOR FILING DATE: 1999-05-17
16 <150> PRIOR APPLICATION NUMBER: US 60/153,406
17 <151> PRIOR FILING DATE: 1999-09-10
19 <160> NUMBER OF SEQ ID NOS: 86
21 <170> SOFTWARE: PatentIn Ver. 2.1
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25 <212> TYPE: PRT
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
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34   1             5             10             15
36 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
37   20             25             30
39 Trp Asn Trp Phe
40   35
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48 <220> FEATURE:
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50   peptide
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54   1             5             10             15
56 Thr Val Trp Gln Ile Lys Gln Leu Gln Ala Arg Ile Leu Ala Val Glu
57   20             25             30
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65 <212> TYPE: PRT
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
70   peptide

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72 <400> SEQUENCE: 3
73 Tyr Thr Asn Thr Ile Tyr Thr Leu Leu Glu Glu Ser Gln Asn Gln Gln
74   1           5           10           15
76 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
77   20           25           30
79 Trp Asn Trp Phe
80           35
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 36
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
90   peptide
92 <400> SEQUENCE: 4
93 Tyr Thr Gly Ile Ile Tyr Asn Leu Leu Glu Glu Ser Gln Asn Gln Gln
94   1           5           10           15
96 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Asn Leu
97   20           25           30
99 Trp Asn Trp Phe
100          35
103 <210> SEQ ID NO: 5
104 <211> LENGTH: 36
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
110   peptide
112 <400> SEQUENCE: 5
113 Tyr Thr Ser Leu Ile Tyr Ser Leu Leu Glu Lys Ser Gln Thr Gln Gln
114   1           5           10           15
116 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
117   20           25           30
119 Trp Asn Trp Phe
120          35
123 <210> SEQ ID NO: 6
124 <211> LENGTH: 36
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
130   peptide
132 <400> SEQUENCE: 6
133 Leu Glu Ala Asn Ile Ser Lys Ser Leu Glu Gln Ala Gln Ile Gln Gln
134   1           5           10           15
136 Glu Lys Asn Met Tyr Glu Leu Gln Lys Leu Asn Ser Trp Asp Ile Phe
137   20           25           30
139 Gly Asn Trp Phe
140          35

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150 peptide
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153 Leu Glu Ala Asn Ile Ser Gln Ser Leu Glu Gln Ala Gln Ile Gln Gln
154 1 5 10 15
156 Glu Lys Asn Met Tyr Glu Leu Gln Lys Leu Asn Ser Trp Asp Val Phe
157 20 25 30
159 Thr Asn Trp Leu
160 35
163 <210> SEQ ID NO: 8
164 <211> LENGTH: 41
165 <212> TYPE: PRT
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
170 peptide
172 <400> SEQUENCE: 8
173 Cys Gly Gly Asn Asn Leu Leu Arg Ala Ile Glu Ala Gln Gln His Leu
174 1 5 10 15
176 Leu Gln Leu Thr Val Trp Gly Ile Lys Gln Leu Gln Ala Arg Ile Leu
177 20 25 30
179 Ala Val Glu Arg Tyr Leu Lys Asp Gln
180 35 40
183 <210> SEQ ID NO: 9
184 <211> LENGTH: 38
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
190 peptide
192 <400> SEQUENCE: 9
193 Gln Gln Leu Leu Asp Val Val Lys Arg Gln Gln Glu Met Leu Arg Leu
194 1 5 10 15
196 Thr Val Trp Gly Thr Lys Asn Leu Gln Ala Arg Val Thr Ala Ile Glu
197 20 25 30
199 Lys Tyr Leu Lys Asp Gln
200 35
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204 <211> LENGTH: 46
205 <212> TYPE: PRT
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212 <400> SEQUENCE: 10
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214 1 5 10 15
216 Cys Asn Gly Ala Lys Val Lys Leu Ile Lys Gln Glu Leu Asp Lys Tyr
217 20 25 30
219 Lys Asn Ala Val Thr Glu Leu Gln Leu Leu Met Gln Ser Thr
220 35 40 45
223 <210> SEQ ID NO: 11
224 <211> LENGTH: 54
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
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232 <400> SEQUENCE: 11
233 Ala Ser Gly Val Ala Val Ser Lys Val Leu His Leu Glu Gly Glu Val
234 1 5 10 15
236 Asn Lys Ile Ala Leu Leu Ser Thr Asn Lys Ala Val Val Ser Leu Ser
237 20 25 30
239 Asn Gly Val Ser Val Leu Thr Ser Lys Val Leu Asp Leu Lys Asn Tyr
240 35 40 45
242 Ile Asp Lys Gln Leu Leu
243 50
246 <210> SEQ ID NO: 12
247 <211> LENGTH: 53
248 <212> TYPE: PRT
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
253 peptide
255 <400> SEQUENCE: 12
256 Gly Glu Pro Ile Ile Asn Phe Tyr Asp Pro Leu Val Phe Pro Ser Asp
257 1 5 10 15
259 Glu Phe Asp Ala Ser Ile Ser Gln Val Asn Glu Lys Ile Asn Gln Ser
260 20 25 30
262 Leu Ala Phe Ile Arg Lys Ser Asp Glu Leu Leu His Asn Val Asn Ala
263 35 40 45
265 Gly Lys Ser Thr Thr
266 50
269 <210> SEQ ID NO: 13
270 <211> LENGTH: 48
271 <212> TYPE: PRT
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
276 peptide
278 <400> SEQUENCE: 13
279 Tyr Thr Ser Val Ile Thr Ile Glu Leu Ser Asn Ile Lys Glu Asn Lys
280 1 5 10 15

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Input Set : A:\Redcl511.app  
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282 Cys Asn Gly Thr Asp Ala Lys Val Lys Leu Ile Lys Gln Glu Leu Asp  
283                      20                      25                      30  
285 Lys Tyr Lys Asn Ala Val Thr Glu Leu Leu Met Gln Ser Thr  
286                      35                      40                      45  
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299        peptide  
301 <400> SEQUENCE: 14  
302 Tyr Thr Ser Val Ile Thr Ile Glu Leu Ser Asn Ile Lys Glu Asn Lys  
303    1                      5                      10                      15  
305 Cys Asn Gly Asp Ala Lys Val Lys Leu Ile Lys Gln Glu Leu Asp Lys  
306                      20                      25                      30  
308 Tyr Lys  
312 <210> SEQ ID NO: 15  
313 <211> LENGTH: 34  
314 <212> TYPE: PRT  
315 <213> ORGANISM: Artificial Sequence  
317 <220> FEATURE:  
318 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
319        peptide  
321 <400> SEQUENCE: 15  
322 Thr Ser Val Ile Thr Ile Glu Leu Ser Asn Ile Lys Glu Asn Lys Cys  
323    1                      5                      10                      15  
325 Asn Gly Asp Ala Lys Val Lys Leu Ile Lys Gln Glu Leu Asp Lys Tyr  
326                      20                      25                      30  
328 Lys Asn  
332 <210> SEQ ID NO: 16  
333 <211> LENGTH: 34  
334 <212> TYPE: PRT  
335 <213> ORGANISM: Artificial Sequence  
337 <220> FEATURE:  
338 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
339        peptide  
341 <400> SEQUENCE: 16  
342 Val Ile Thr Ile Glu Leu Ser Asn Ile Lys Glu Asn Lys Cys Asn Gly  
343    1                      5                      10                      15  
345 Asp Ala Lys Val Lys Leu Ile Lys Gln Glu Leu Asp Lys Tyr Lys Asn  
346                      20                      25                      30  
348 Ala Val  
352 <210> SEQ ID NO: 17  
353 <211> LENGTH: 34  
354 <212> TYPE: PRT  
355 <213> ORGANISM: Artificial Sequence  
357 <220> FEATURE:  
358 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic

VERIFICATION SUMMARY                      DATE: 11/27/2000  
PATENT APPLICATION:    US/09/623,533        TIME: 13:49:38  
  
Input Set : A:\Redc1511.app  
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L:10 M:270 C: Current Application Number differs, Replaced Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date